

PACKET TRANSFER CONTROLLER, PACKET TRANSFER CONTROL METHOD AND PACKET TRANSFER CONTROL SYSTEM

Publication number: JP2002176454 (A)

Publication date: 2002-06-21

Inventor(s): OKAMOTO TSUGIO +

Applicant(s): NEC CORP +

Classification:

- **international:** G06F13/00; G06F15/00; G06F21/20; H04L12/66; H04L29/02;
G06F13/00; G06F15/00; G06F21/20; H04L12/66; H04L29/02;
(IPC1-7): G06F13/00; G06F15/00; H04L12/66; H04L29/02

- **European:**

Application number: JP20000370220 20001205

Priority number(s): JP20000370220 20001205

Also published as:

JP3584877 (B2)

Abstract of JP 2002176454 (A)

PROBLEM TO BE SOLVED: To provide a packet transfer controller, a packet transfer control method and a packet transfer control system that enable an illegal packet whose transmission source is not correct to be prevented from being transferred through a network such as the Internet. **SOLUTION:** The packet transfer controller 207 placed at a branch point of a network such as the Internet receives packets via 1st, 2nd,..., Nth interface circuits 2141, 2142,..., 214N and an SA(source address) classification section 222 registers a relation between a source address and the interface circuits 214 to a classification table 225.; When the interface circuits 214 are registered for the same source address, the controller 207 transmits a source address inspection packet to the source address and a filter section 216 discards the packet of the source address received from a path other than the interface circuits 214 receiving the replied packet. The controller 207 can detect a similar illegal access by using a TTL(Time To Live) field.

Data supplied from the **espacenet** database — Worldwide

(19) 日本国特許序 (J P)

(12) 公 開 特 許 公 報 (A)

(11)特許出願公開番号

特開2002-176454

(P2002-176454A)

(43)公開日 平成14年6月21日(2002.6.21)

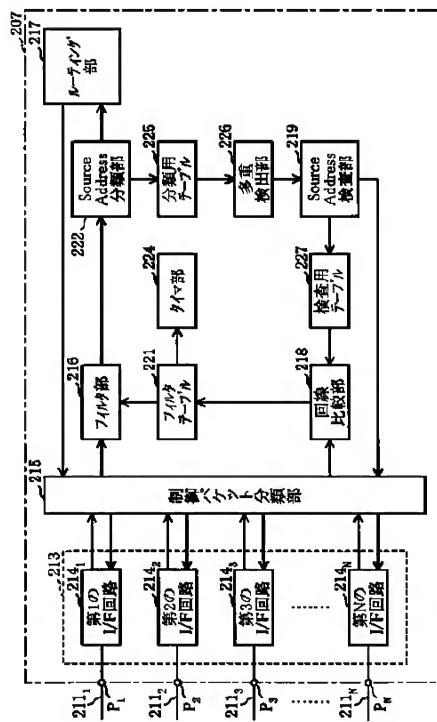
(51) Int.Cl. ⁷	識別記号	F I	マーク(参考)	
H 0 4 L 12/66		H 0 4 L 12/66	B	5 B 0 8 5
G 0 6 F 13/00	3 5 1	G 0 6 F 13/00	3 5 1 Z	5 B 0 8 9
	15/00	15/00	3 3 0 A	5 K 0 3 0
H 0 4 L 29/02	3 3 0	H 0 4 L 13/00	3 0 1 Z	5 K 0 3 4

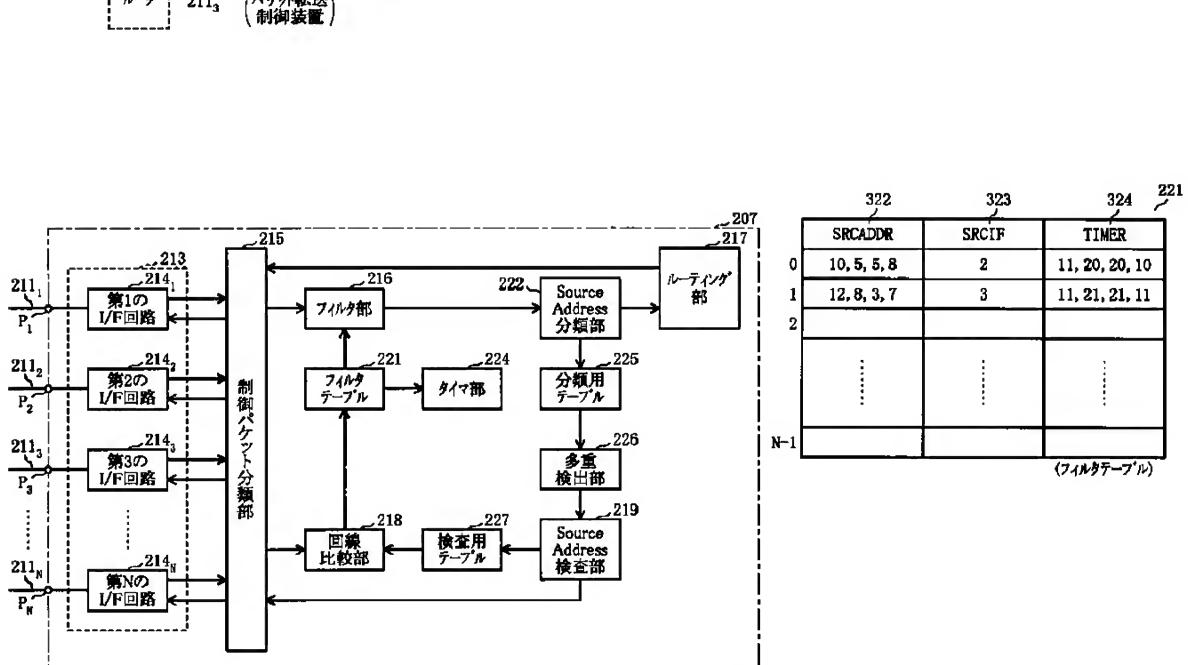
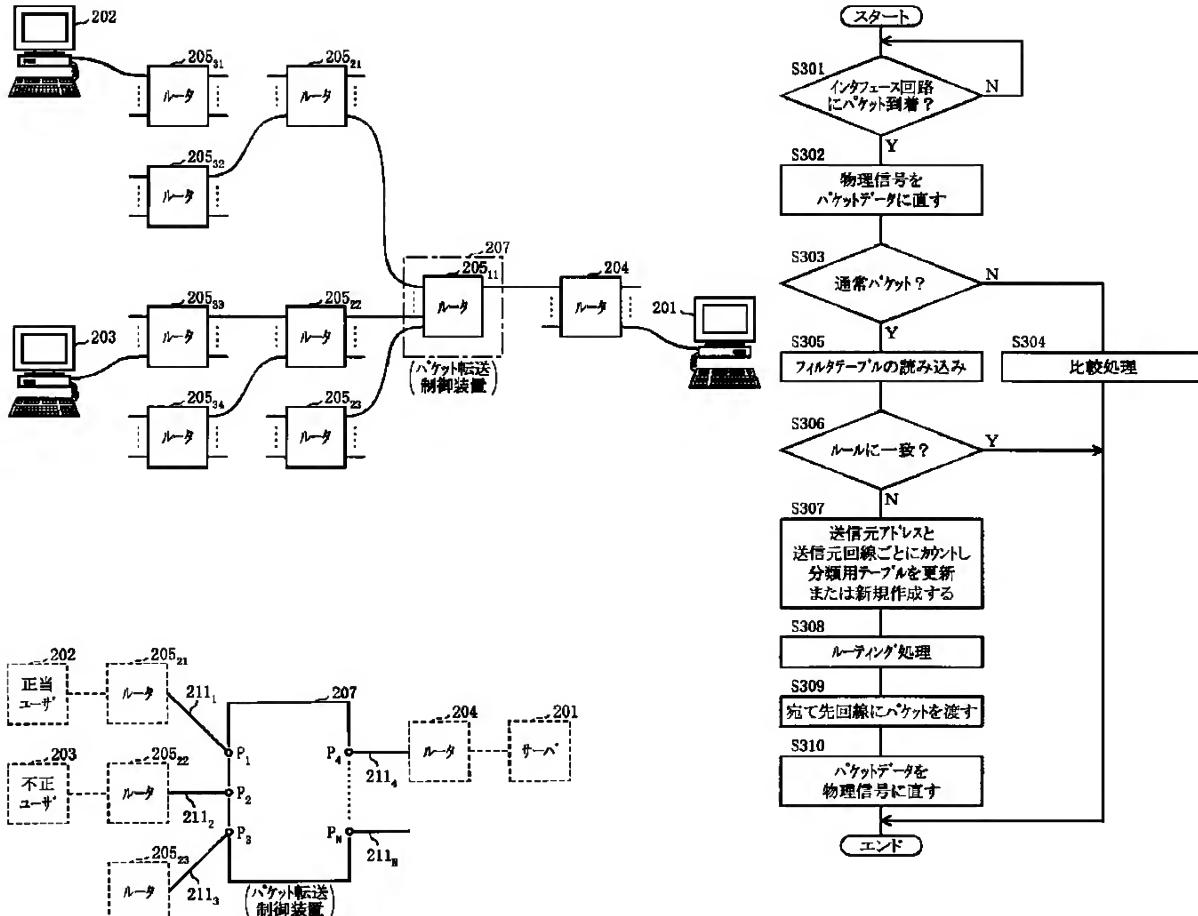
審査請求 有 請求項の数28 OL (全 28 頁)

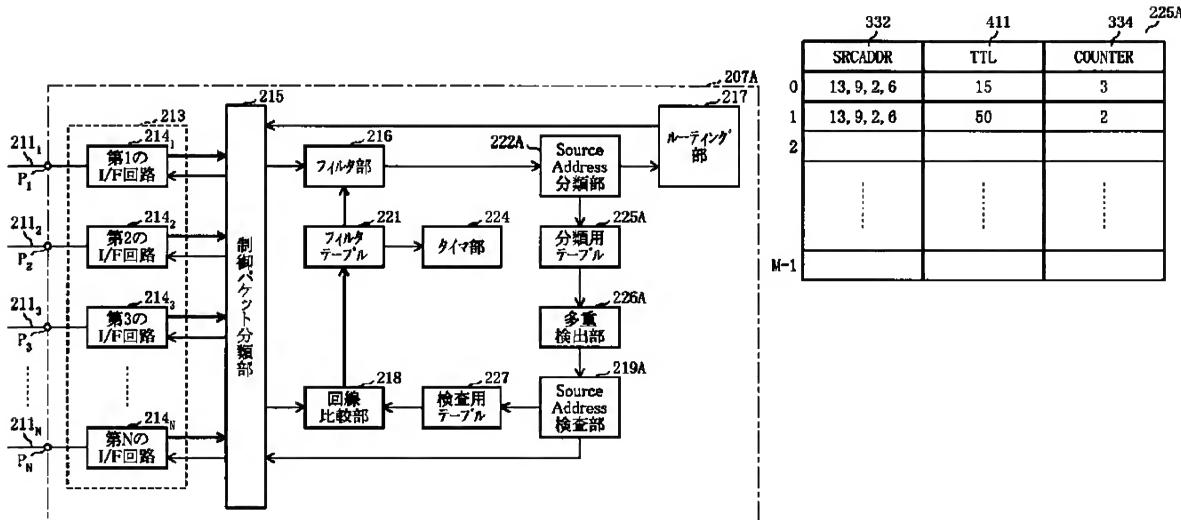
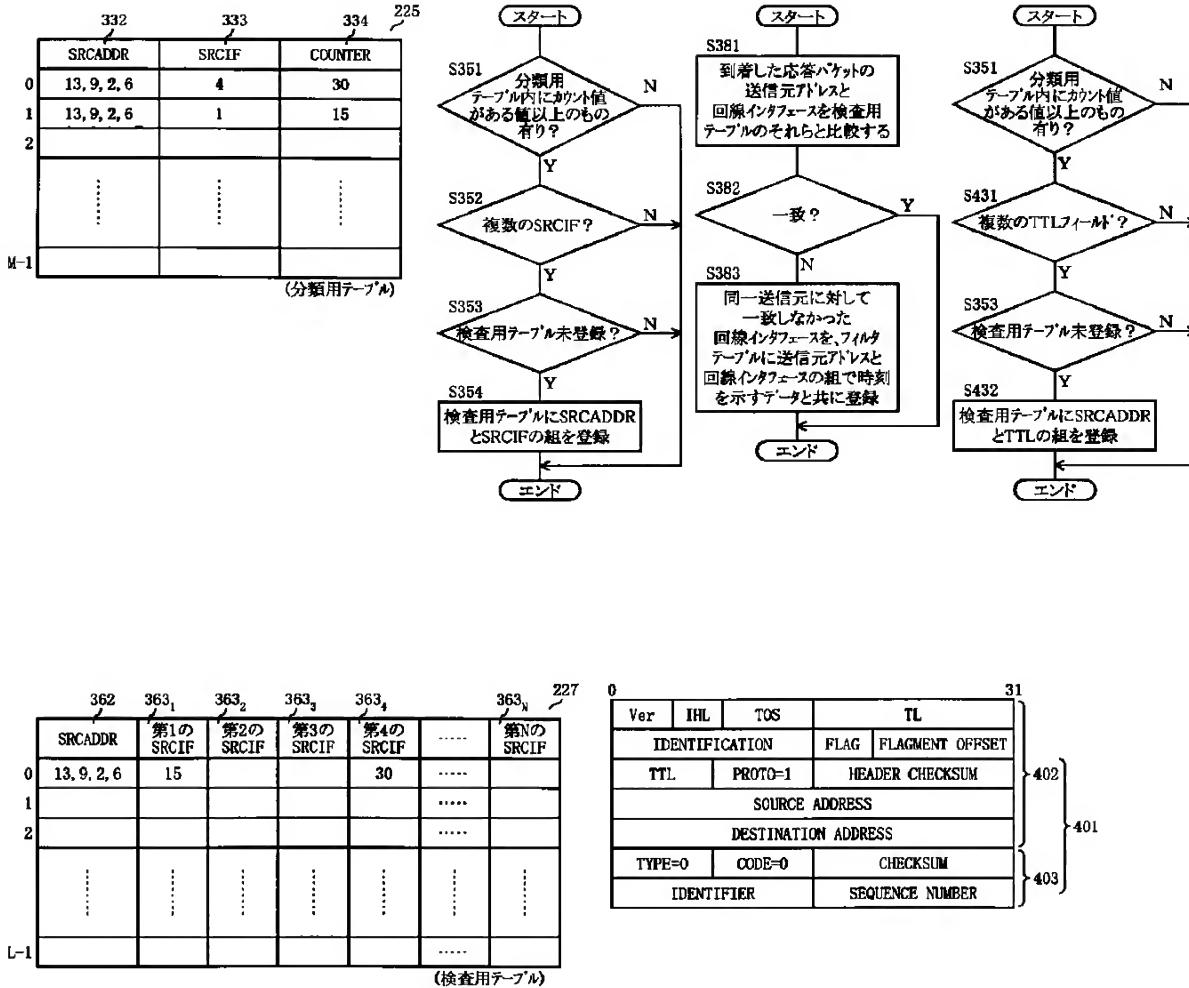
(21)出願番号	特願2000-370220(P2000-370220)	(71)出願人	000004237 日本電気株式会社 東京都港区芝五丁目7番1号
(22)出願日	平成12年12月5日(2000.12.5)	(72)発明者	岡本 繼男 東京都港区芝五丁目7番1号 日本電気株式会社内
		(74)代理人	100083987 弁理士 山内 梅雄

最終頁に続く

(54) 【発明の名称】 パケット転送制御装置、パケット転送制御方法およびパケット転送制御システム







	362	451 ₁	451 ₂	451 ₃	451 ₄	451 _N	227A
	SRCADDR	第1の TTL	第2の TTL	第3の TTL	第4の TTL	第Nの TTL	
0							
1							
2							
.....							
N-1							

	332	411	601	225C
	SRCADDR	TTL	TIMER	
0				
1				
2				
.....				
N-1				

